

Appl. No. 10/605,613  
Amdt. dated June 27, 2006  
Reply to Office action of May 02, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

- 1 (original): A method of wireless input for supporting a plurality of hosts with a wireless  
5 input apparatus, the method comprising:  
entering a registration mode;  
updating an identity table of the wireless input apparatus; and  
supporting the hosts selectively according to the identity table.
- 10 2 (original): The method of claim 1, wherein one of the hosts is chosen  
from the group consisting of the following: a personal computer, a mobile  
phone, and a personal digital assistant (PDA).
- 3 (original): An electronic system comprising:  
15 an input apparatus comprising:  
a control circuit for controlling the input apparatus;  
an input interface for receiving an input information to generate a  
control signal, and for receiving an identity selected from a plurality  
of predetermined identities as a transmitting identity;  
20 a storage device for storing an identity table and an identity in a  
non-volatile way, the identity table comprising a plurality of  
predetermined identities; and  
a first radio module for transmitting a radio packet, the packet  
comprising the transmitting identity and the control signal; and  
25 a plurality of hosts, each host corresponding to a different host identity, each host  
comprising:  
a second radio module for accepting and outputting the control signal if

Appl. No. 10/605,613  
Amdt. dated June 27, 2006  
Reply to Office action of May 02, 2006

the packet received from the input apparatus has a corresponding  
host identity, and discarding the packet if the received packet has no  
corresponding host identity; and  
a processing module electrically connected to the second radio module  
5 for receiving the control signal outputted by the second radio module  
for controlling operations of the host;  
wherein at least a processing module of a host among all hosts is  
capable of controlling the second radio module of the host to  
transmit a control packet to the input apparatus.

10

4 (currently amended): The electronic system of claim 3, wherein the  
control circuit of ~~each host~~ the input apparatus updates the contents of the  
identity table according to the control packet.

15 5 (original): The electronic system of claim 3, wherein the input apparatus is a keyboard  
having a plurality of keys, and the input interface will generate different control signals  
when different keys are depressed.

6 (original): The electronic system of claim 3, wherein the first radio  
20 module is further capable of transmitting a service notice packet  
comprising an identity code of the input apparatus.

7 (original): The electronic system of claim 6, wherein each host is capable  
of outputting a noticing signal when receiving the service notice packet.

25

8 (original): The electronic system of claim 3, wherein each host is capable  
of transmitting a service request packet with the second radio module.

Appl. No. 10/605,613  
Amdt. dated June 27, 2006  
Reply to Office action of May 02, 2006

9 (original): The electronic system of claim 8, wherein the input apparatus will output the service notice packet when receiving the service request packet.

- 5 10 (original): The electronic system of claim 3, wherein when a host transmits the control packet comprising an identity code corresponding to the host, the control circuit will add the identity code corresponding to the host in the identity table as a predetermined identity code for updating the identity table.

10